

KOMARKOVA, A.; PACOVSKY, V.; VOSTAL, J.; BLEHA, O.; VITKOVA, E.

Citric acid and metabolic diseases of the bone, II. Citric acid
in serum and urine in bone diseases and in calcium metabolism disorders.
Cas. lek. cesk. 98 no.32-33:1019-1022 14 Aug 59.

1. III. interni klinika fakulty všeobecného lekarství MU v Praze, pred-
nosta akademik J. Charvat. Ustřední laboratoře fakultní nemocnice v
Praze, prednosta as. dr. J. Hrabánek. Ustav hygieny práce a chorob z
povolání v Praze, prednosta prof. J. Teisinger.

(CITRATES, metab.)

(BONE DISEASES, metab.)

(CALCIUM, metab.)

SILINKOVA-MALKOVA, E., C.Sc.; BLEHA, O., C.Sc.

Climacteric osteoporosis. Cesk. gyn. 25[39] no.1/2: 42-46 Mr '60.

1. III.interni klinika MU v Praze, predn.akad. J.Charvat.
(~~MENOPAUSE~~ compl.)
(~~OSTEOPOROSIS~~ etiol.)

RABOCH,J.; BILHA,O.

Complete spermatogenesis in a patient with true Klinefelter's syndrome. Cas. lek. cesk. 99 no.22:671-673 27 My '60.

1. Sexuologicky ustav KU v Praze, prednosta prof. MUDr. Jøs. Hynie. III. interni klinika KU v Praze, prednosta akademik Jøs. Charvat.
(KLINFELTER'S SYNDROME physiol.)

PACOVSKY, V. • KOMARKOVA, A.; VOSTAL, J.; DUBOVSKY, J.; DUBOVSKA, E.;
BLEHA, O.

Metabolic aspects of bilateral nephrolithiasis. Acta univ. carol.
[med.] Suppl. 14:415-426 '61.

1. III. interni klinika fakulty vseobecneho lekarstvi University
Karlovy v Praze, prednosta akademik Josef Charvat Ustredni biochemicke
laboratore fakultni nemocnice, prednosta dr. Jan Hrabane
Ustav hygieny prace a chorob z povolani, reditel prof. dr. Jaroslav
Teisinger.

(URINARY CALCULI metab)

BLEHA, OTAKAR

SURNAME, Given Name

(4)

Country: Czechoslovakia

Academic Degrees:

Internal Clinic III of the Faculty of General Medicine, Charles

Affiliation: University (III Interni klinika fakulty vseobecneho lekarstvi KU),

Prague; Chief (Prednosta): Academician J Charvat

Source: Prague, Prakticky Lekar, Vol 41, No 17, 5 September 1961, pp 767-770

Data: "Metabolic Diseases of the Bone."

Authors:

BLEHA, Otakar, MUDr

PACOVSKY, Vladimir, MUDr

KOMARKOVA, Alena, MUDr

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680 7/1643

BLEHA, OTAKAR (MUDr)
SURNAME, Given Name

(6)

Country: Czechoslovakia

Academic Degrees:

Internal Clinic III of the Faculty of General Medicine, Charles University
Affiliation: (III interni klinika fakulty vseobecneho lekarstvi KU), Prague; Chief
(Prednosta): J Charvat

Central Biochemical Laboratory, Faculty Hospital (Ustredni biochemicke
laboratore, Fakultni nemocnice), Prague; Chief (Prednosta): Dr J Hrabane

Source: Prague, Prakticky Lekar, No 41, No 17, 5 September 1961, pp 774-776 and
789-792

Data: "The Active Search for Primary Hyperparathyreosis in General Practise."
"Present-Day Possibilities in the Biochemical Diagnosis of Metabolic
Bone Diseases."

Authors:

PACOVSKY, Vladimir, MUDr

BLEHA, Otakar, MUDr

KOMARKOVA, Alena, MUDr

VOSTAL, Jaroslav, MUDr

DUBOVSKA, Eva, MUDr

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GPO 741643

BLEHA, Otakar

Some problems in a study of the thyroid gland. Cas.lek.cesk 100 no.44:
1384-1388 3 N '61.

1. III interni klinika KU v Praze, prednosta akademik Josef Charvat.

(THYROID GLAND physiol)

KAPITOLA, J.; BLEHA, O.; SCHULLEROVA, M.; DIENSTBIER, Z.

15-minute registration of the accumulation of I-131 by the thyroid gland in the diagnosis of thyrotoxicosis. Cas.lek.cesk 101 no.2:12-15
5 Ja '62.

1. III interni klinika KU v Praze, prednosta akademik J. Charvat.
Biofyzikalni ustav KU v Praze, prednosta doc. dr. Z. Dienstbier.

(HYPERTHYROIDISM diag) (IODINE radioactive)

ENGELBERTH, Otto; BLEHA, Otto; JEZKOVA, Zdenka; SRAMKOVA, Jarmila; Technicka
spolupraca HORSKA, Eva

Autoimmune thyroiditis. Cas. lek. cesk. 101 no.31:948-950 27 Jl '62.

1. III interni klinika fakulty vseobecneho lekarstvi KU v Praze, pred-
nosta akademik J. Charvat. Ustav hematologie a krevni transfuze v
Praze, reditel prof. dr. J. Horejsi, DrSc.

(THYROIDITIS immunol)

BLEHA, O.

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CZECHOSLOVAKIA

ENGELBERTH, O; BLEHA, O; JEZKOVA, Z; SRAMKOVA, J.

Third Internal Medicine Clinic FVL KU and
Institute of Hematology and Blood Trans-
fusion (z III. vnitrní kliniky FVL KU a Ustav
hematologie a krevní transfuse), Prague -
(for all)

Prague, Vnitrní lekarství, No 3, 1963, pp 255-258

"Autoaggressive Thyroiditis."

CZECHOSLOVAKIA

V. HOLECEK and O. BLEHA, Third Internal Medicine Clinic of Faculty of General Medicine Charles University (III. interni klinika fakulty vseobecneho lekarstvi Karlove University), Prague.

"Steroids in the Treatment of Mammary Carcinoma."

Prague, Casopis Lekaru Ceskych, Vol 102, No 18, 5 May 63; pp 491-494.

Abstract [English summary modified]: Detailed clinical data on 200 women with metastatic mammary carcinoma; treated with androgens (and their predominantly anabolizing derivatives) as well as estrogens and phased removal of various endocrine glands. Average survival was 22 months after metastases were diagnosed. Palliation is considered worthwhile since no other measures are available. Five graphs.

1/1

HOLECEK, V.; BLEHA, O.

Steroids in the treatment of breast cancer. Cas. lek. cesk.
102 no.18:491-494 3 My '63.

1. III.interni klinika fakulty vseobecneho lekarstvi v Praze,
prednosta akademik J. Charvat.

(BREAST NEOPLASMS) (ANDROGENS)
(ADRENAL CORTEX HORMONES) (NEOPLASM THERAPY)
(ADRENALECTOMY) (HYPOPHYSECTOMY) (OVARY)

BLEHA, O.; ENGELBERTH, O.; JEZKOVA, Z.; SRAMKOVA, J.

Findings of antibodies in various clinical states of the thyroid gland. Cas. lek. cesk. 104 no.12:323-326 26 Mr'65.

1. III. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: akademik J. Charvat); a Ustav hematologie a krevni transfuze v Praze (reditel: prof. dr. J. Horejsi, DrSc.).

BLEHA, O.; SCHULLEROVA, M.

Accumulation of I-132 in the thyroid gland after intravenous
administration of the isotope. Cas. lek. cesk. 104 no.18:493-495
7 My '65

1. III. interni klinika fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta akademik J. Charvat).

ENGELBERTH, O.; JEZKOVA, Z.; BLEHA, O.; MALEK, J.; BENDL, J.; Technicka
spoluprace: MORAVCOVA, S.; KADEROVA, M.

Autoantibodies in Sheehan's syndrome. Vnitri lek. 11 no.8:737-741
Ag '65.

1. III. vnitri klinika (prednosta akademik J. Charvat), Ustav
hematologie a krevni transfuze (reditel prof. MUDr. J. Horejsi,
DrSc.), I. porodnicka klinika (prednosta prof. MUDr. J. Klaus,
Dr.Sc), II. porodnicka klinika (prednosta prof. MUDr. J. Lukas,
Dr.Sc).

KAPITOLA, J.; BLEHA, O.; SCHULLEROVA, M.; Technicka spoluprace BLAHOVCOVA, A.; HLAVATA, E.

Concentration of I-131 in normal and abnormal thyroid glands.
Sborn. lek. 67 no.10:308-312 O '65.

1. Laborator pro endokrinologii a metabolismus, III. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta akademik J. Charvat).

BLEHA, O.; SCHULLEROVA, M.

The diagnosis of hypothyroidism using I- 131 and TSH-tests,
Cas. lek. Cesk. 105 no.2:52-53 14 Ja '66.

1. Laborator pro endokrinologii a metabolismus, III. interni
klinika fakulty vseobecneho lekarstvi Karlovy University,
Praha (reditel akademik J. Charvat).

BLEHA, O.; ENGELBERTH, O.; JEZKOVA, Z.; SRAMKOVA, J.

Antibodies in various clinical conditions of the thyroid. Rev.
Czech. med. 11 no.4:246-250 '65.

1. Third Medical Clinic, Faculty of General Medicine, Charles
University, Prague (Director: Academician J. Charvat) and
Institute of Haematology and Blood Transfusion, Prague (Director:
Prof. J. Horejsi, M.D., D.Sc.).

CZECHOSLOVAKIA

ENGELBERTH, O., JEZKOVA, Z., BLEHA, O., MALEK, J., BENDL, J.

1.Third Clinic of Internal Medicine (III vnitrní klinika),
(for ?); 2. Institute of Hematology and Blood Transfusions
(Ustav hematologie a krevní transfuze), (for ?); 3.First
Obstetrical Clinic (porodnická klinika), (for ?); 4.Second
Obstetrical Clinic (II porodnická klinika), (for ?).

Prague, Vnitrní lekarství, No 8, August 1965, pp 737-741.

"Autoantibodies in Sheehan's syndrome."

(5)

SKALOUD, F.; KLIMENT L.; TESAR, R.; BLENA, P.

The importance of tooth extraction in orofacial orthopedics.
Acta univ carol. [med.] 7 no.5:659-668 '61.

1. Stomatologicke oddeleni lekarske fakulty hygienicke University
Karlov v Praze, vedouci prof. MUDr. RNDr. F. Skaloud.
(TEETH EXTRACTION) (ORTHODONTICS)

CZECHOSLOVAKIA

BLEHA, P.

Stomatological Ward of the Medical Faculty of Hygiene of
KU (Stomatologicke oddeleni lekarske fakulty hygienicke
KU), Prague

Prague, Ceskoslovenska stomatologie, No 5, 1963, pp 333-335

"Frequency of Orofacial Abnormalities in Preschool Ages."

~~BLEHOVA, B.; NOVOTNY, P.~~

*Clostridium perfrigens type F in so-called infant dyspepsias.
Sborn. pathofysiol. trav. vyz. 6 no. 4-6:299-301 Dec 1952. (GLML 24:1)*

1. Of the Pediatric Department (Head--Docent Pisarovicova, M.D.) of
the State Faculty Hospital and of the Institute of Medical Microbiology
(Head--Prof. Patocka, M.D.) of Charles University, Prague.

BLEHOVA, B., MUDr.; RYSKOVA, M., MUDr.

An unusual case of allergic reaction to Monrad test. Cesk.
pediat. 10 no.7:538-541 Sept 55.

1. Z detske kliniky hygienicke fakulty v Praze XII, prednosta
doc. Dr. Pisarovicova-Cizkova.

(ALLERGY, etiology and pathogenesis
Monrad test, cutaneous & CNS manifest.)

(SKIN, diseases
allergic manifest. after Monrad test)

(CENTRAL NERVOUS SYSTEM, diseases
allergic manifest. after Monrad test)

BLEHOVA, B. MUDr.

Tietze syndrome. Cesk. pediat. 12 no.7:633-634 5 July 57.

1. Detska klinika lekarske fakulty hygienicke KU v Praze XII,
prednosta prof. MUDr J. Cizkova-Pisarovicova.

(RIBS, dis.

Tietze synd. in child (Cz))

BLEHOVA, B.; MALY, V.

Topographic distribution of harelip & cleft palate in Bohemia. Cesk. pediat.
13 no.3:203-206 5 Apr 58.

1. Klinika plasticke chirurgie, prednosta fr. Burian. Detska klinika
LFHKU, prednosta prof. J. Cizkova-Pisarovicova Katedra verejneho zdrav-
otnictvi, prednosta prof. V. Prosek.

(HARELIP, statist.

in Czech., geographical distribution (Cz))

(CLEFT PALATE, statist.

same)

BLEHOVA, B.; OPPIT, J.

Metabolic changes in gargoyleism. Cas. lek. cesk. 97 no.31-32:987-
1000 8 Aug 58.

1. Detska klinika LFHKU - prednostka: prof. dr. J. Pisarovicova-
Cizkova.- Oddeleni pro klinickous biochemii FN-LFHKU - prednosta: prim.
MUDr. RNDr. J. Oppit. B. B. Praha 12, Srobarova 50.
(LIPOCHONDRODYSTROPHY, metab.
biochem. changes (Cz))

BLEHOVA, B.; DANESOVA, J.; MILUNICOVA, A.; STOLZ, J.

Lupus erythematosus or a disease simulating lupus erythematosus developing following triantein therapy. Cesk. pediat. 14 no.7: 654-657 July 59

1. Detska klinika hygienicke fakulty, predn. prof. Pisarovicova-Ciskova, krajska transfusni stanice, predn. J. Mestan, patologicko-anatomicky ustav hygienicke fakulty, predn. prof. doc. J. Stolz.
(HYDANTOINS, effects, injuries)
(LUPUS ERYTHEMATOSUS, etiology)
(EPILEPSY, therapy)

BLINHOVA, B.

Oligophrenia and congenital metabolic disorders. Cesk. neur.
23 no. 4:276-283 Je '60.

1. Detska klinika lekarske fakulty hygienicke KU, prednosta
prof. dr. J. Ciskova-Pisarovicova.
(MENTAL DEFICIENCY etiol.)
(METABOLIC DISEASES in inf. & child)

BLEHOVA, B.; HEYROVSKY, L.

The use of penicillamine as a diagnostic aid in hepatolenticular degeneration (Wilson's disease). Cesk. pediat. 16 no.9:809-811 S '61.

1. Detska klinika lekarske fakulty hygienicke KU v Praze, Vyzkumna laborator IV interni kliniky KU v Praze.

(HEPATOLENTICULAR DEGENERATION diagnosis)
(VALINE rel cpds)

BLEHOVA, B.

SURNAME, Given Name

(2)

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: Pediatric Clinic of the Faculty of Hygiene (Detska klinika hygieni
ke fakulty), Prague; Director: Prof J. CIZKOVA-PISAROVICOVA, MD.

Source: Prague, Prakticky Lekar, Vol 41, No 8, 1961, pp 345-348.

Data: "New Discoveries Concerning Wilson's Disease in Lenticular
Degeneration."

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SILINKOVA-MALKOVA, Eva; BLEHOVA, B.; PRCHLIKOVÁ, H.

Atypical enchondral polytopic dysostosis of the Morquio type;
a contribution to the classification of disproportional nanism.
Cesk. rentgenol. 15 no.4:266-272 '61.

1. III. interni klinika lekarske fakulty KU v Praze, prednosta akademik
J. Charvat Detska klinika hygienicke fakulty KU v Praze, prednosta
prof. dr. J. Cizkova-Pisarovicova.
(ECCENTRO-OSTEOCHONDRODYSPLASIA case reports)

BLEHOVA, B.; KANDRAG, M.; SILINKOVA-MALKOVA, E.; ROTTER, Z.

Pubertas praecox after recovery from basilar meningitis. Cesk. pediat.
16 no.12:1100-1104 D '61.

1. Detska klinika LFH (prednosta prof. Pisarovicova-Cizkova) III
interni klinika (prednosta akademik J. Charvat) Detaka plicni lecebna,
Thomayerova nemocnice v Krci (prednosta Z. Rotter)

(MENINGITIS complications)
(PUBERTY PRECOCIOUS case reports)

BLEHOVA, B.

/
CZECHOSLOVAKIA

BLEHOVA, B; PAZOUTOVA, N.

Children's Clinic LFHKU of the Third Internal Medicine
Clinic of the Faculty of General Medicine of KU
(Detska klinika LFHKU III vnitri klinika fakulty
vseobecneho lekarstvi KU), Prague (for both)

Prague

Brno, Vnitri lekarstvi, No 8, 1963, pp 755-758

"Chondroitin Sulphuric Acid and Acid Mucopolysaccharides
in the Urine in Gargoylism."

CZECHOSLOVAKIA

B. BLEHOVA, A. HEYROVSKY, J. NEBUDOVA and Z. VOTAVA; Pediatric Clinic (detska klinika) Faculty of Hygiene (hygienicka fakulta); Cardiovascular Laboratory (Kardiovaskularni laborator); Neurology Clinic of the Faculty of General Medicine; and Pharmacology Department (Farmakologicky ustav) of the Faculty of Hygiene; Charles University, Prague.

"Treatment of Wilson's Disease with Penicillamine and Guajacuran."

Prague, Ceskoslovenska Neurologie, Vol 26(59), No 1, Jan 63; pp 45-49.

Abstract [English summary modified]: Cupruria decreased strikingly in 3 patients treated with penicillamine perorally 0.5 to 1 Gm./day, but without concomitant clinical improvement. In 1 patient, guajacuran treatment was followed by spectacular improvement but recurrence was guajacuran-refractory and fatal. Three case reports; 2 Czech, 4 English-language references.

1/1

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BLEHOVA, B.

Gargoylism with normal intelligence. Cesk. pediat. 18 no.2:148-149
F '63.

1. Detska klinika lekarske fakulty hygienicke KU v Praze, prednostka
prof. dr. J. Cizkova-Pisarovicova.
(LIPOCHONDRODYSTROPHY) (INTELLIGENCE)

BLEHOVA, B.

Contribution to genetics in gargoylism. Cesk. pediat. 18
no. 6: 508-512 Je '63.

1. Detska klinika lekarske fakulty hygienicke KU v Praze,
prednostka prof. dr. J. Cizkova-Pisarovicova.
(LIPOCHONDRODYSTROPHY) (HEARING DISORDERS)
(CHROMOSOME ABNORMALITIES) (CORNEAL DYSTROPHIES)
(MUCOPOLYSACCHARIDES) (CHONDROITIN) (SEX)

BLEHOVA, B.; HRUBCOVA, M.; BARTONOVA, M.

Mental disorders in the families of patients with phenylketonuria. Cesk. pediat. 18 no.8:701-706 Ag '63.

1. Detska klinika lekarske fakulty hygienicke KU v Praze,
prednostka prof. dr. J. Pisarovicova-Ciskova, DrSc. Katedra
zdravotnictvi fakulty vseobecneho lekarstvi KU v Praze,
vedouci prof. dr. V. Prosek Psychiatricka lecебna v Oparanech,
reditel MUDr. Vojtik.

(PHENYLKETONURIA) (MENTAL DISORDERS)
(SUICIDE) (ALCOHOLISM)

CZECHOSLOVAKIA

BLEHOVA, B.

Children's Clinic LFHKU (Detska klinika LFHKU), Prague

Prague, Vnitrní Lekarství, No 8, 1964, pp 758-760

"Disturbances of the Metabolism of Amino Acids."

SULCOVA, J.; STARKA, L.; SOUMAR, J.; BLEHOVA, B.; SILINK, K.

Disorders in the excretion of steroid metabolites in parents
and their children suffering from the virilizing syndrome.
Cesk. pediat. 20 no.11:984-987 N '65.

1. Vyzkumny ustav endokrinologicky v Praze (reditel doc. dr.
K. Silink, DrSc.) a Detska klinika lekarske fakulty hygienicke
Karlovych University v Praze (prednostka prof. dr. J. Cizkova-
Pisarovicova, DrSc.).

BLEHA, O.; KOMARKOVA, A.; VOSTAL, J.; PACOVSKY, V.

Arteriovenous variations of calcium & citric acid in hyperparathyroidism.
Cas. lek. cesk. 97 no.42:1335-1336 17 Oct 58.

1. Vitkova III. interni klinika fakulty vseobecneho lekarstvi Karlovy
university v Praze, prednosta akademik J. Charvat. Ustredni, laboratore
fakultni nemocnice v Praze prednosta as. Dr. J. Hrbane, Ustav hygieny a
chorob z povolani v Praze Prednosta prof. dr. J. Peisinger. O. B. Phaha
2. U. Nemocnice 1.

(PARATHYROID GLANDS, dis.
hyperparathyroidism, arteriovenous calcium & citric acid
(Cz))

(CALCIUM, in blood
arteriovenous changes in hyperparathyroidism (Cz))

(CITRATES, in blood
arteriovenous citric acid in hyperparathyroidism (Cz))

~~BLEHA, Otakar; PACOVSKY, Vladimir; KOMARKOVA, Alena; VITKOVA, Eva; VOSTAL, Jaroslav~~

Primary hyperparathyroidism. Sborn. lek. 61 no.3:53-59 Mar 59.

1. III. interni klinika fakulty všeobecného lekarství Karlovy univer-

sity v Praze prednosta akademik J. Charvat.

(PARATHYROID GLAND, dis.
hyperfuntct. (Cs))

BLAHOVA, J.; DANESOVA, J.; GREC, L.; HAJEK, F.; MATOUSEK, M.; VOJTIK, V.

Occurrence of phenylketonuria in Bohemia & Moravia. Cesk. pediat.
14 no.6:499-502 5 June 59.

1. Detska klinika hygienicke fakulty v Praze, prednosta prof. J.
Pisarovicova-Cizkova Charita Praha, Stat. psych. lecebna Opava, Stat.
psych. lecebna Dobrany, Stat. psych. lecebna Oparany. J.B., Praha 12,
Srobarova 50.

(PHENYLPYRUVIC OLIGOPHRENIA, epidemiol.
in Czech. (Sz))

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0

BLEICHER, M.N. (Warsaw and Berkeley)

Complementation of independent subsets and subspaces of generalized
vector spaces. Fund mat 51 no.1:1-7 '62.

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0"

Bleier, S.

Impervious clay pots resistant to acids and alkalies.
 Sander Blijlevens, Hilversum, 121,783, Oct. 10, 1939. Clay is suspended in water, neutralized, dried, and sedimented. The pyrid. layers are mixed in given ratios, ground to fine powder, neutralized and dried. Pots are made as usual and fired as biscuit ware. The surface is cleaned with a strong alkaline soln. and enameled, m. $(\text{KNO}_3)^2$, applied by galvanoplasty. A final enamel is applied and the pot fired in the usual manner.

ABSTRACTS OF METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000205510017-0"

WIEFER, S.

83. The effect of composition on the economy of concrete
— S. Wieder, (*Malaysische Stahlindustrie*, — Vol.
4, 1954-1955, pp. 362-565, 1 fig.)

The "solid" volume of cement increases as a result of combining with water. This increase is not identical with swelling, since it becomes apparent only in the reduction of the voids. The extent to which it develops is governed by the portion of the cement particles, the latter depends more or less upon the composition of the concrete and therefore is different for each composition. As soon as the limit of expansion is reached, the absorption of water ceases, whereby only a part of the cement is hydrated the other part remaining in its original state. The higher the percentage of transformed cement particles the more economical the concrete. A concrete composition which would permit the transformation of all cement particles would mean a substantial economy since 30-50% of the cement particles in the concrete prepared according to the present prescriptions do not have the possibility to transform.

MT

HETTER, S.

Determination of the amount of water chemically bound by cement. S. Bleier. *Acta Tech. Acad. Sci. Hung.* 13, 60-92(1963) (in German) (English summary).—The sp. wt. of the concrete is used to det. the chemically bound water by making use of the following equations: $1/(1 + y') = u = c_0/(c_1 + 1)$, $y = (a - bc_1)/(c_1 - u)$, and $x = uy$, where a = wt. of the concrete, b = its vol., c_1 = sp. wt. of the filler, c_0 = sp. wt. of the cement, c_1' = new sp. wt. obtained when mixing the filler with the cement, $y' = (c_1 + c_1' - c_0)/c_1$, x = bound water, y = increase in vol., and u is a parameter which takes care of the fact that bound water does no longer have a sp. wt. of 1.0.

Werner Jacobson

BLEIER, S.

BLEIER, S. Formation of the hardness of concrete. p. 179.
Vol. 15, No. 1/4, 1955.

KCZIEMENYEI.

TECHNOLGY

Budapest, Hungary

Sc: East European Accession, Vol. 5, No. 5, May 1956

7.2 Steam curing of concrete and its optimal conditions

On Stream Curving or Concavity and its Optimal Conditions
By J. R. B. H. BAKER AND J. L. S. COOPER
Journal of Geodynamics, Vol. 10, Issue 3, pp. 231-248, 1990.

In addition to the steam treatment, the following methods of accelerating the setting of concrete is the increase in volume of the green concrete due to the

action of heat. The fast release in volume of heat is the result of the decomposition of the hydrating cement. This is followed by the cooling of the concrete due to the reduction of internal setting at the end of the heating period. According to the composition of the concrete, the optimal initial curing time should be split into two phases: the heating period and the continuous action of heat. During heating the internal pressure developed in the concrete should always stay below the ambient pressure. The optimal time for steaming concrete blocks of 20 cm thickness is 9 hours. During the reduction of pressure and cooling down subsequent to steaming the internal pressure in the concrete should remain constant above the ambient pressure.

BLEIWEIS, Janko, ing.

Determining the flow in lateral rectangular adjutages. Vodoprivreda
Jug 2 no.7/8:19-22 '59. (EEAI 10:1)

1. Hidrotehnicki odsek Fakulteta za arhitekturo, gradnjo in
geodezijo, Ljubljana, Hajdrihova 28.
(Hydraulics) (Pipe) (Irrigation)

BLEIWEIS, Janko, prof. inz.

Hydroelastic vibrations, and development of hydraulic machines and hydromechanical equipment. Stroj vest 10 no.3:72-76 Je '64.

1. Faculty of Architecture, Civil Engineering and Geodetics, University of Ljubljana, Ljubljana.

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0

BLEIWEIS, J.

"Water reservoirs and dams" by S.Kratochvil. Reviewed by J.Bleiweis.
Elektr vest 29 no.8/10:236 '61.

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0"

BLEIWEISS, J.

"New methods of measuring partition walls" by J. Bolf,
Z. Cermak, L. Mejzlik, P. Marcak, and O. Tavoda. Reviewed by
J. Bleiweiss. Elektr vest 30 no.1/2:53 '62/'63.

BLEJAN, Nicolae

Some data on the development of the electric power distribution in the Rumanian People's Republic. Villamossag 10 no.10:305-306 O '62.

1. Roman Nepkoztarsasag budapesti nagykovetsegenek masodtitkara.

BLEJAN, Nicolae

Rumania; higher output by lighter machines. Mezogazz techn 3
no.10:24 '63.

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0

BLEJAN, Nicolae

Electrical engineering and the Rumanian national economy.
Elektrotehnika 57 no.2/3:41 F-Mr '64.

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0"

BLEJUSCA, V., ing.; PAVEL, V., ing.

Calculation and selection of ear-type travelers for worsted
ring spinning mills. Ind text Rum 15 no. 2:71-75 F '64.

BLEJVAS, I.M.; LUKOSKOV, V.S.; MESTECKIN, Ja.I.; CHOMIC, V.B.; SEREL, L.A.;
SUBIN, L.V.

Solution of problems of electron optics and high-frequency
electronics by mathematical model methods. Cs cas fys 12
no.5/6:439-446 '62.

1. Vybor pro elektronovou techniku, Moskva.

BLEK, Aleksey Vladimirovich; VAVS, Karl Leonovich; AVERBAKH, A.D., red.;
GRIGORYEVA, I.S., red.izd-va; GVIITS, V.L., tekhn.red.

[Organization of information on foreign science and technology]
Organizatsiya informatsii o zarubezhnoi naune i tekhnike.
Leningrad, 1961. 32 p. (MIRA 15:5)
(Technology—Information services)

ANDRYSEK, O.; ANDRYSKOVA, J.; BENDL, J.; BLEKTA, M.; HRADCOVA, L.; CHYTIL, M.;
ORT, M.; RASKA, B.; VALNICEK, J.

Isotope examination methods of the uropoietic system in pediatrics
and obstetrics. Acta univ. Carol. [med] (Praha): Suppl. 18: 41-44
'64.

1. Biofysikalni ustav fakulty vseobecneho lekarstvi University
Karlovych v Praze (prednosta: doc. dr. Z. Dienstbier); II. gyneko-
logicko-porodnicka klinika fakulty vseobecneho lekarstvi Univer-
sity Karlovych v Praze (prednosta: prof. dr. J. Lukas); II. interni
klinika fakulty vseobecneho lekarstvi University Karlovych v Praze
(prednosta: prof. dr. F. Herles); IV. detska klinika fakulty
vseobecneho lekarstvi University Karlovych v Praze (prednosta:
prof. dr. F. Herles); IV. detska klinika fakulty vseobecneho
lekarstvi University Karlovych v Praze (prednosta: prof. dr.
F. Blazek) a I. detska klinika fakulty pediatricke University
Karlovych v Praze (prednosta: prof. dr. J. Svejcar).

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BLEKH, R.L.

RYZHKOVA, M.N.; CHEREPANOVA, G.N.; BLEKH, R.L.

Early diagnosis of chronic manganese intoxication. Trudy AMN SSSR
31:34-43 '54. (MILB 7:10)
(Manganese--Toxicology)

APPROVED FOR RELEASE: 08/22/2000 CIA-RDP86-00513R000205510017-0"

BELYAYEV, G.I., doktor tekhn.nauk, prof.; BLEKH, S.I., inzh.

Enamels made with a rutile concentrate. Stek. i ker. 20 no.4:
26-27 Ap '63. (MIRA 16:3)

1. Dnepropetrovskiy khimiko-tehnologicheskiy institut (for
Belyayev). 2. Novomoskovskiy metallurgicheskiy zavod (for
Blekh).

(Titanium) (Enamel and enameling)

GUREVICH, Yu.K.; LITVAK, L.L.; BIBERGAN, B.Ya.; BLEKH, Ye.Ya.;
BARABASH, D.V.

Observations on the treatment of various forms of syphilis with
penicillin. Vest.derm.i ven. 34 no.12:31-33 '60.

(MIRA 14:1)

1. Iz Odesskogo oblastnogo kozhno-venerologicheskogo dispensera
(glavnnyy vrach I.M. Koltun).

(SYPHILIS) (PENICILLIN)

43591-65 EWT(1)/EWT(n)/T/EMP(t)/EEG(b)-2/EMP(b)/EWA(h)/EWA(c) Pz-6/Pi-4/
Peb IJP(c) JD/GG/AT
ACCESSION NR: AT5009570 Z/0000/62/000/000/0035/0037

AUTHORS: Blecha, J. (Blekha, I., Engineer)

TITLE: The use of single crystals in scintillation technology

SOURCE: Konference o monokrystalech. 4th, Turnov, 1961. Sbornik referatov.
Turnov, VUM, 1962, 35-37

TOPIC TAGS: scintillation counter, crystal scintillator, single crystal, activated
crystal, crystal growth, sodium iodide crystal, cesium iodide crystal, organic
scintillator, crystal spectrometer, semiconductor scintillator

ABSTRACT: Advances in nuclear physics and the wide use of isotopes have led to a search for new methods of measuring ionization, a sharp advance in scintillation techniques, and the development of new luminescent materials. Among these are crystal scintillators. The most important of these are NaI(Tl), which is used mainly to detect and analyze the spectra of gamma radiation and low-power X-rays. Single- and double-crystal spectrometers are used in geological research and mining to locate malignant tumors and to control the treatment of thyroid and other glandular disorders. The present trend is toward using octsize NaI(Tl) crystals to study bodily functions, and also to detect radioactivity in drinking water without

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4

preparing special specimens. The author then describes how crystals up to 3 x 3 inches in size have been employed in other countries to distinguish radiation energy and reduce background noise in detectors. The most widely used inorganic scintillation crystals, employed chiefly to detect heavy particles and high gamma radiation, are CsI(Tl). LiI(Eu) crystals are used to detect thermal neutrons. Organic crystals are employed mostly in beta spectrometry, but their use is increasing in replacing plastic and other scintillators. A new departure is the development of semiconductor detectors for nuclear particles. In Czechoslovakia, three institutes are cooperating to develop high-resistance p-type silicon with a surface barrier (P) and n-type silicon with a surface barrier (Au) as semiconductor detectors. These are the Vyzkumny ustav scintilacni techniky (Scintillation Techniques Research Institute), the Ustav technicke fysiky, CSAV (Technical Physics Institute, CSAV), and the Ustav jaderneho vyzkumu (Nuclear Research Institute). The Vyzkumny zavod (Research Plant) in Premyslani (VZP) is growing NaI(Tl) and CsI(Tl) crystals by the Stockbarger method. These are both commercial crystals up to 50 mm in diameter and laboratory specimens up to 160 mm in diameter, which have been used in the construction of several scintillating sondes. Their distinguishing capacity is 8% in the SKG 38 x 25 mm, 9% in the SKG 45 x 50 mm, 10.5% in the SKG 100 x 100 mm.

Card 2/3

L 43591-65

ACCESSION NR: AT5009570

and 11% in the SKH 45 x 50 mm types. The VZP is also growing anthracene crystals up to 38 mm in diameter by the Stockbarger method, which have shown higher luminescence than those produced by the Nash and Thompson Co. The VZP plans to grow outsize NaI(Tl) and CsI(Tl) crystals 250 mm in diameter for total absorption spectrometers. Orig. art. has: 4 figures and 1 table.

ASSOCIATION: Tesla vyzkumny zavod, Premysleni (Tesla Research Plant)

SUBMITTED: 00

ENCL: 00

SUB CODE: SS, NP

NO REF SOV: 000

OTHER: 000

BJS
Card 3/3

BLEKHER, D.S.

The influence of labored nasal respiration on venous pressure.
[with summary in English]. Vest.oto-rin. 20 no.5:77-79 S-0 '58

1. Iz Vyborgskoy grodskoy bol'nitsy.

(BLOOD PRESSURE, physiology

eff. of labored breathing through nose on venous
pressure (Rus))

(RESPIRATION, physiology

eff. of labored breathing through nose on venous
blood pressure (Rus))

BLEKHER, D.S.

Influence of labored nasal breathing on arterial pressure. Vop.
otorin. 21 no.6:65-67 N-D '59. (MIRA 13:4)

1. Iz Vyborgskoy gorodskoy bol'nitsy (konsul'tant - prof. I.M.
Rozenfel'd).
(BLOOD PRESSURE, physiol.)
(NOSE, diseases)

BLEKHER, D. S.

Cand Med Sci - (diss) "Nasal respiration and cardiovascular activity." Vyborg, 1961. 9 pp; (Leningrad State Order of Lenin Inst for Advanced Training of Physicians imeni S. M. Kirov); 225 copies; price not given; (KL, 6-61 sup, 236)

BLEKHER, E.G.

LYUBUSHIN, A.A.; BLEKHER, E.G. (Kuybyshevka-Vostochnaya Amurskoy oblasti)

Bilateral pneumothorax in unilateral penetrating thoracic injury.
Klin.med. 34 no.12:80-82 D '56. (MLRA 10:2)

1. Iz patologoanatomiceskoy laboratorii (nach. A.A.Lyubushin)
(PNEUMOTHORAX, etiol. and pathogen.
bilateral, caused by unilateral penetrating inj. of thorax)
(TORAX, wounds and inj.
unilateral, causing bilateral pneumothorax)

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0

BLUMER, F.N. (Moskva)

~~Basic operation in children's acquisition of elementary arithmetical conceptions.~~ Vop. psichol. 5 no. 4:64-74 Jl-Ag '59. (MIRA 12:11)
(Arithmetic--Study and teaching)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0"

~~BIEKHIN, I.R.~~

Report on the interprovince conference of otorhinolaryngologists of
Novgorod, Pskov, Murmansk, Velikie Luki, and Vologda Province. Vest.
oto-rin. 18 no.6:87-89 N-D '56. (MIRA 10:2)

1. Glavnnyy oto-laringolog Novgorodskoy oblasti.
(OTORHINOLARYNGOLOGY)

BLEKHER, L.B.

Experience with training personnel at a province hospital. Sov.
zdrav. 18 no.5:31-34 '59. (MIRA 12:7)

1.. Iz otolaringologicheskogo otdeleniya (zav. L.B. Blekher) Novgorodskoy
oblastnoy bol'nitsy (glavnnyy vrach - zasluzhennyy vrach RSFSR P.M.
Mitrofanov).

(HOSPITALS,
specialization in regional hospitals (Rus))
(SPECIALISM,
specialization in regional hospitals (Rus))

BLEKHER, L.B. (Novgorod)

Medical care of the rural population in diseases of the ear, nose,
and throat. Sov.zdrav. 20 no.1:43-46 '61. (MIRA 14:5)

1. Iz otolaringologicheskogo otdeleniya (zav. - saslushennyj vrach
RSFSR L.B.Blekher) Novgorodskoy oblastnoy bol'nitsy (glavnnyj vrach -
saslushennyj vrach RSFSR P.M.Mitrofanov).
(OTORHINOLARYNGOLOGY) (PUBLIC HEALTH, RURAL)

BLEKHER, P.

Classroom training films. Prof. -tekhn. obr. 11 no.2:22-24 '54. (MLRA 7:6)

1. Prepodavatel' remeslennogo uchilishcha No.40 (Moscow)
(Motion pictures in education) (Technical education)

ALFIMOVA, Irina Alekseyevna; BELYAKOV, Polina Moiseyevna; ZAITSEVA,
Antonina Ivanovna; BULINSKIY, M.Ya., redaktor; KUZ'MIN, D.G.,
tekhnicheskiy redaktor

[Problems in turning] Zadachnik po tokarnomu delu. Moskva, Vses.
uchebno-pedagog. izd-vo Trudrezervizdat, 1956. 162 p. (MIRA 9:9)
(Turning)

BLEKHER, P.M.

25(2)

PHASE I BOOK EXPLOITATION

SOV/2803

Alfimova, Irina Alekseyevna, Polina Moiseyevna Blekher, and Antonina Ivanovna Zaytseva

Sbornik zadach po tokarnomu delu (Collection of Problems on Lathe Operation)
3rd ed., rev. and enl. Moscow, Trudrezervizdat, 1959. 194 p.
25,000 copies printed.

Scientific Ed.: V.M. Pastukhov; Ed.: F.V. Rogachev; Tech. Ed.: Yu.N. Gorokhov.

PURPOSE: This manual is intended for trade-school students and it may also be used in training lathe operators on an individual basis or in groups.

COVERAGE: This book contains problems and practical exercises for training lathe operators, especially to increase production during the Seven-Year Plan, 1959 - 1965. The training program starts with the machining of simple cylindrical surfaces and proceeds to the machining of complex shapes requiring special setups and the use of various accessories. In several instances the problems involve the preparation of drawings. This training program is designed to

Card 1/4

Collection of Problems on Lathe Operation

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train young operators to work on their own and to acquire the necessary skill to operate modern equipment. There are numerous illustrations showing parts to be machined and schematic drawings explaining the necessary setups for a given job. Basic principles of efficient work organization and time study concepts are explained. No personalities are mentioned. There is no bibliography.

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IV. Machining Holes	15
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Collection of Problems on Lathe Operation	SOV/2803
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Collection of Problems on Lathe Operation

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XV. Planning of Machining Processes

180

Appendix

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AVAILABLE: Library of Congress (TT207.A45 1959)

Card 4/4

GO/gmp
1-25-60

GUZ', V.I., starshiy nauchnyy sotrudnik; KORENEVSKIY, L.I., starshiy nauchnyy sotrudnik; SHEVCHENKO, A.V., starshiy nauchnyy sotrudnik, BLEKHERMAN, N.A., nauchnyy sotrudnik

Use of splenin for treating and preventing a radiation reaction in malignant neoplasms [with summary in English]. Vrach.delo no.9:91-95 S '62. (MIRA 15:8)

1. Otdel rentgenoterapii (rukovoditel' - starshiy nauchnyy sotrudnik V.I.Guz') i laboratoriya endokrinologii (rukovoditel' - starshiy nauchnyy sotrudnik L.I.Korenevskiy) Kiyevskogo rentgenoradiologicheskogo i onkologicheskogo instituta i laboratoriya endokrinnykh funktsiy (rukovoditel - akademik AN USSR, prof. V.P.Komisarenko) Instituta fiziologii imeni A.A.Bogomol'tsa AN USSR.
(SPLENIN) (CANCER) (RADIOTHERAPY)

BLEKHERMAN, Ye.Kh.

Valve and driving bushing of an engine. Avt. prom. 29 no.8:
9-12 Ag '63. (MIRA 16:11)

1. Yaroslavskiy motornyy zavod.

Discordant
FUMS, G.I.; BLEKHEROV, M.M. [deceased]

Ways of using fluorocarbons and chlorofluorocarbons as high-stability instrument lubricants. Khim. i tekhn. topl. i masel 8 no.7:58-62 Jl '63. (MIRA 16:7)

1. Nauchno-issledovatel'skiy institut chasovoy promyshlennosti.
(Fluorocarbons)
(Lubrication and lubricants)

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0

BLEKHEROVA, Ye.I.

Investigation of some factors bearing on the quality of Bulgarian
peppermint oil (from "Parfumerie, cosmetique, savons," 3, no.3, 1960).
Masl.-zhir. prom. 27 no.6:43-45 Je '61. (MIRA 14:6)
(Bulgaria—Peppermint oil)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0"

BIEKHNINA, U. A.

5(2) PAGE 1 BOOK EXPLOITATION 20V/2602

ANALOGUE AND OTHER INSTITUTE OF POLYMER CHEMISTRY
Production, Analysis, and Use of New Earth Elements
3,000 copies printed.

Imp. M. I. D. I. Bokobza, Professor; M. A. Polubarnov, Dr. N. G. Grishkov
and T. G. Lopatina, Dr. J. G. Nakhovskii, Director, anal., V. P. Alferov,
Corresponding Member, USSR Academy of Sciences, L. V. Slobodchikov, Director
Chemical Sciences, R. V. Kostyukov, Candidate of Chemical Sciences, V. I.
Slobodchikov, Doctor of Chemical Sciences, N. N. Karpov, Candidate of Chemical
Sciences, and Yu. S. Sklyanin, Candidate of Chemical Sciences.

PURPOSE: This book is intended for chemists (in general) and for geologists and
mineralogists, in particular.

CONTENTS: This collection of articles consists of reports presented at the New
Earth Elements Symposium held in June 1967 at the Institute of Chemistry
of the Academy of Sciences of the Ukrainian SSR. The book may be divided into
several sections: the characteristics, uses and production of new earth
elements (30%); the methods of analyzing new earth elements and the application of these
elements in mineralogical analysis; the synthesis of new earth elements and their
uses; the use of catalysts. Considerable space is devoted to the
application of new earth elements, characteristic in the production of pure forms
of all new earth elements. The construction of this method of pure form
is expounding new earth elements on the method of synthesis by Yu. I. Bokobza,
Yu. S. Sklyanin, and N. N. Karpov. Chemical methods of separating
new earth elements are discussed by I. N. Bokobza (who is also the
author of the book), Yu. S. Sklyanin, and N. N. Karpov, and Yu. I. Bokobza, E. P.
Bogolyubova, and G. P. Alferov. General methods of synthesis of new earth elements
are described by E. V. Kostyukov, and general methods
of separation by Yu. P. Alferov and P. I. Slobodchikov. The determination of
the new earth elements and their properties are discussed by Yu. S. Sklyanin, and
N. N. Karpov, and his associates. All methods are
described in detail, with examples and tables.

SYNTHETIC A. F. and A. A. Liberman. Spectrophotometric Determination of Cu,
Ni, and Co in Metallic Materials. Communication 1. Analysis of Zinc-
Iron Research on Old

253

SYNTHETIC T. I. Determining Small Amounts of Zn in Particulate Zinc
by the Method of Radiation Spectral Analysis

277

SYNTHETIC I. I. Applying the Separation Procedure to Analysis
Heavy Minerals of New Earth Elements

289

SYNTHETIC E. P. and V. A. Dubrovsky. Catalytic Reduction in the Use of
New Earth Elements in Glass Glass Industry

290

SYNTHETIC Yu. N. Kostyukov and Yu. A. Bokobza. Process of the Use of
Polycrystalline Glass on a Conveyor in a Ceramic Plant. In: F. E. Dier-
schitzky, Yu. N., and V. P. Polubarnov, Study of the Characteristics and
Physical-Mechanical Properties of New Earth Elements and Their Alloys

299

SYNTHETIC A.-A. and A. A. Bokobza. New Earth Elements as Catalysts
in Organic Chemistry. Catalog, Literature and Abstracts Catalog

307

SYNTHETIC I. I., N. A. Dubrovsky, and Z. A. Popovskaya. The Use
of New Earth Elements in the Ceramic Industry. The Use

324

SYNTHETIC Yu. N. and M. A. Blazquez. Use of New Earth Metals in
Alloying Refractory Cast Irons

333

AVAILABLE: Library of Congress

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0

BLEKHMAN, A. A.; OBRENSKIY, V. Ye.; VENETSLIANOV, Ye. A.; MOVSESOV, N. S.; DELIBASH, B. A.; SHIDLOVSKIY, M. F. and PEYVE, V. V. and BERG, A. Ya.;

"The Case for Explosion-proof Electrical Equipment in the Oil and Gas Industries."

report presented at the All-Union Scientific and Technical Conference on the
Electrical Equipment in Buildings and Outside Installations Liable to Explosions,
14-19 April 1958, Stalino.
(Energet. Byulleten', 1958, No. 7, pp 29-33).

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0"

IL'INSKIY, S.A., kandidat tekhnicheskikh nauk; OTLIVANCHIK, A.N., kandidat tekhnicheskikh nauk; BLEKHMAN, A.B., inzhener; MAL'TSEVA, V.P., inzhener.

Fit and tolerance standards for furniture joints and connective units.
Der.prom. 4 no.2:8-12 F '55. (MIRA 8:4)

1. TsNIIMOD (for Il'inskiy and Otlivanchik). 2. TSPKB Glavmebel'-proma (for Blekhman and Mal'tseva).
(Furniture—Standards)

Central Planning + Design Bureau, Planning and
Construction Inst. (Min. Econ. Ind.).

IL'INSKIY, S.A., kandidat tekhnicheskikh nauk; BLEKHMAN, A.B.; MAL'TSEVA,
V.P.

Using limit gauges in the furniture industry. Der.prom.4 no.10:
5-8 0 '55. (MLRA 9:1)

1. Tsentral'nyy Nauchno-issledovatel'skiy institut mekhanicheskoy
obrabotki drevesiny (for Il'inskiy). 2. TaPKB Glavmebel'proma
(for Blekhman and Mal'tseva).
(Furniture industry) (Gauges)

SIZOV, V.A., inzh.; BLEKHMAN, A.B., inzh.

Standardization of units and parts used for making frame furniture.
Der. prom. 7 no.8:1-3 Ag '58. (MIRA 11:9)

1. Tsentral'noye proyektnoye konstruktorskoye byuro Upravleniya
mebel'noy promyshlennosti Mosgorsovnarkhoza.
(Furniture)

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0

BLEKHMAN, A.B.; DELLE, V.I.

Standardization of house furniture. Der. prom. 13 no.9:19-22
S '64. (MIRA 17:11)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0"

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0

BLEKHMAN, B.N., inzh.

Mechanization of the processes of welding beams made of channel
bars. Stroi. i dor. mash. 8 no. 5:32-33 My '63. (MIRA 16:5)
(Electric welding)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0"

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0

BLEKHMAN, G.L.

Fixation of dislocations of the mandible. Stomatologija no.5:
48 '53. (MLRA 7:1)
(Jaws) (Dislocations)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0"

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0

BLEKMAN, I.I.

Examining the process of separation and transportation by vibration
Inzh. sbor. no. 11, 1952

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0"

BLOKHMAN, I.I. (Leningrad).

Autosynchronization of vibrators of certain vibration machinery.
Inzh.sbor. 16:49-72 '53. (MLRA 7:3)
(Vibration) (Electric machinery, Synchronous)
(Mathematical physics)

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0

USSR/Engineering - Mechanics

FD-1588

Card 1/1 : Pub. 41-9/18
Author : Blekhman, I. I. Leningrad
Title : Rotation of an unbalanced rotor dependent on harmonic oscillations of its shaft
Periodical : Izv. AN SSSR. Otd. tekhn. nauk 8, 79-94, Aug 1954
Abstract : Obtains theoretical conditions for existence and stability of revolving motions of an electric motor with an unbalanced rotor, with mean angular velocity equal to the frequency of oscillations of the rotor shaft; the oscillations are assumed to be harmonic and in two mutually perpendicular directions, the trajectory of the resulting movement being an ellipse. Examines application of the obtained results to theory of a new type ore crusher developed at the Scientific Research Institute for Mechanical Concentration of Minerals (Mekhanobr). Diagrams; graphs. Six references.
Institution :
Submitted : August 16, 1954

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0"

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0

BLEKHMAN, I.I. (Leningrad)

Examining the process of vibratory driving of piles and sheet piles.
Inzh.sbor.19:55-64 '54. (MIRA 7:10)
(Pile driving)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510017-0"

BLEKHMAN, I. I.

BLEKHMAN, I. I. --"Nonlinear Problems in Dynamics of Vibration Machines."
*(Dissertations for Degrees in Science and Engineering Defended at USSR
Higher Educational Institutions) Min of Higher Education USSR, Leningrad
Polytechnic Inst imeni M. I. Kalinin, Leningrad, 1955

SO: Knizhnaya Letopis', No. 25, 18 Jun 55

* For the Degree of Doctor of Physicomathematical Sciences

Cont'd.

SLEKHMAN, I. I.

153. Damping Engine Crankshaft Vibrations

The article, "Damping of Engine Crankshaft Vibrations by Means of a Dynamic Damper," by V. A. Vinogradov, as reviewed by I. I. Blekhman gives the following information:

"A study is made of the problem of utilizing a pendulum antivibrator for decreasing the vibration amplitude of engine crankshafts in a linear system.

"The study includes the combined free-and-forced torsional vibration of a single mass system with an incorporated antivibrator, a two mass system with an antivibrator incorporated in one of the masses, and also the vibrations of a single mass system with an antivibrator made in the form of a double pendulum.

"Mention is made of the possibility of utilizing a pendulum anti-vibrator for damping the longitudinal vibrations of crankshafts; a schematic drawing is given, and the combined forced vibrations of a single mass system with a similar damper are investigated.

"For each of the studied cases equations are given for the anti-vibrator adjustment. It is shown that the natural frequencies of the combined torsional oscillations of the studied systems with antivibrators appear as linear functions of ω (in particular, depending on ω) at sufficiently large values of angular velocity of rotation on the shaft ω ".
(Tr. Ufimsk aviat. in-ta, 1955, Issue 1, pp 40-62 [from Referativnyy Zhurnal -- Mekhanika, No 4, Apr 57, abstract No 3924]) (U)

DIEKHMAN

Blechman, I. I., and Dzanchidze, G. Ya. Dynamics of the
Bouasse-Sardon regulator. Izv. Akad. Nauk Gruz. SSR, Ser.
Tekhn. Nauk 1955, no. 10, 48-59. (Russian)

1 - P/W

The differential equations,

$$\begin{aligned} \ddot{\theta} + k\dot{\theta} &= Mg\tau + \chi c(x - e \sin \theta) \cos \theta, \\ m\ddot{x} + \beta \dot{x} + \chi x &= mg + \chi c \sin \theta \end{aligned}$$

of the dynamics of the Bouasse-Sardon regulator are
solved by the Poincaré-Laplace methods. It
is shown that it was necessary to obtain the solution
in the form of a series in powers of ϵ . The first
approximation of the solution is obtained by the
method of successive approximations. The second
approximation is obtained by the method of
the variation of parameters. The third approximation
is obtained by the method of the variation of
parameters. The fourth approximation is obtained
by the method of the variation of parameters.

BLEKHMAN, I.I.

SUBJECT USSR/MATHEMATICS/Differential equations CARD 1/4 PG - 171
AUTHOR BLECHMAN I.I.
TITLE On the question of the stability of periodic solutions of
quasilinear systems with several degrees of freedom.
PERIODICAL Doklady Akad. Nauk 104, 809-812 (1955)
reviewed 7/1956

The author considers the stability of the periodic (period 2π) solutions of non-autonomous quasilinear systems with several degrees of freedom. It is assumed that the characteristic equation of the corresponding linear system possesses zero as k-fold root, p pairs of pure imaginary roots $\pm iM_j$ with multiplicities m_j ($j=1, \dots, p$) and r pairs of pure imaginary roots $\pm iN_\varphi$ with multiplicities n_φ ($\varphi=1, \dots, r$). Here M_j is integral, N_φ and their differences are different from integers and from zero. The real parts of all other roots are negative and the elementary divisors of the multiple roots are linear. By a non-singular linear transformation the considered system is brought to the form;

$$(1) \quad \dot{x}_s = \lambda_s x_s + f_s(t) + \mu F_s(x_1, \dots, x_p, \mu, t) \quad (s=1, \dots, l),$$

where